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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 016273-01000 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/579888</div> |
| INTERNATIONAL APPLICATION NO. PCT/EP2004/012291 | INTERNATIONAL FILING DATE 29 October 2004 (29.10.2004) | PRIORITY DATE CLAIMED 18 November 2003 (18.11.2003) |
| TITLE OF INVENTION PACKING | | |
| APPLICANT(S) FOR DO/EO/US KIEPE, Thomas | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">107579888</div> | INTERNATIONAL APPLICATION NO. PCT/EP2004/012291 | ATTORNEY'S DOCKET NUMBER 016273-01000 | | | | | | | | | | | | | | | | | | |
|--|--|--|---|--------------|--------------|---------|--------|---------|--|---|-------|---------|---|--|--|---------|--|--|----|--|
| 20. Other items or information: (1) Form PCT/IB/308; (2) Preliminary Examination Report - PCT/IPEA/402; (3) English translated Search Report; (3) Petition to EPO Dated 17 November 2005 (17.11.2005) with New Set of Claims; and (4) Credit Card Form PTO 2038 | | | | | | | | | | | | | | | | | | | | |
| The following fees have been submitted | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> </table> | CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | |
| CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 300.</td> <td style="width: 50%;"></td> </tr> </table> | \$ 300. | | | | | | | | | | | | | | | | | |
| \$ 300. | | | | | | | | | | | | | | | | | | | | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 200.</td> <td style="width: 50%;"></td> </tr> </table> | \$ 200. | | | | | | | | | | | | | | | | | |
| \$ 200. | | | | | | | | | | | | | | | | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 400</td> <td style="width: 50%;"></td> </tr> </table> | \$ 400 | | | | | | | | | | | | | | | | | |
| \$ 400 | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF 21, 22 and 23 = | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">900</td> <td style="width: 50%;"></td> </tr> </table> | 900 | | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table> | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 40%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 30%;">RATE</th> </tr> <tr> <td>14</td> <td>- 100 =</td> <td>/50 =</td> <td>x \$250</td> </tr> </table> | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | 14 | - 100 = | /50 = | x \$250 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$</td> <td style="width: 50%;"></td> </tr> </table> | | \$ | | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | | | | | | | | |
| 14 | - 100 = | /50 = | x \$250 | | | | | | | | | | | | | | | | | |
| \$ | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 130</td> <td style="width: 50%;"></td> </tr> </table> | \$ 130 | | | | | | | | | | | | | | | | | |
| \$ 130 | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 40%;">NUMBER EXTRA</th> <th style="width: 30%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>13</td> <td>- 20 =</td> <td>x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td>1</td> <td>- 3 =</td> <td>x \$200</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> </tr> </table> | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 13 | - 20 = | x \$ 50 | Independent claims | 1 | - 3 = | x \$200 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$</td> <td style="width: 50%;"></td> </tr> </table> | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | |
| Total claims | 13 | - 20 = | x \$ 50 | | | | | | | | | | | | | | | | | |
| Independent claims | 1 | - 3 = | x \$200 | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | | | | | | | | | | | | | | | | | |
| \$ | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 1030</td> <td style="width: 50%;"></td> </tr> </table> | \$ 1030 | | | | | | | | | | | | | | | | | |
| \$ 1030 | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table> | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL = | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 515</td> <td style="width: 50%;"></td> </tr> </table> | \$ 515 | | | | | | | | | | | | | | | | | |
| \$ 515 | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 130</td> <td style="width: 50%;"></td> </tr> </table> | \$ 130 | | | | | | | | | | | | | | | | | |
| \$ 130 | | | | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 645</td> <td style="width: 50%;"></td> </tr> </table> | \$ 645 | | | | | | | | | | | | | | | | | |
| \$ 645 | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$</td> <td style="width: 50%;"></td> </tr> </table> | \$ | | | | | | | | | | | | | | | | | |
| \$ | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 645</td> <td style="width: 50%;"></td> </tr> </table> | \$ 645 | | | | | | | | | | | | | | | | | |
| \$ 645 | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be refunded:</td> <td style="width: 50%;">\$</td> </tr> </table> | Amount to be refunded: | \$ | | | | | | | | | | | | | | | | |
| Amount to be refunded: | \$ | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be charged</td> <td style="width: 50%;">\$ 645</td> </tr> </table> | Amount to be charged | \$ 645 | | | | | | | | | | | | | | | | |
| Amount to be charged | \$ 645 | | | | | | | | | | | | | | | | | | | |

10/579888

1479 Rec'd PCT/PTO 18 MAY 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

John Wilson Jones
Jones & Smith, LLP
2777 Allen Parkway
Suite 800
Houston, TX 77019


SIGNATURE

John Wilson Jones

NAME

31,380

REGISTRATION NUMBER

10/579888

IAP9 Rec'd PCT/PTO 18 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
RECEIVING OFFICE

In re Applicant:

KIEPE, Thomas

Filed: **May 18, 2006**

For: **PACKING**

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§
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§

**NATIONAL PHASE APPLICATION
UNDER 35 U.S.C. 371**

Attorneys' Docket No. **016273-01000**

CERTIFICATE OF MAILING BY EXPRESS MAIL

MAIL STOP PCT
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 CFR 1.10, with the United States Postal Service "Express Mail Post Office to Addressee" service as Express Mail No. EV 682123875 US in an envelope addressed to: MAIL STOP PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

- (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 - Form PTO-1390 (3 pgs.)
- (2) Certificate of Mailing Under 37 C.F.R. 1.10 (1 pg.);
- (3) Credit Card Payment Form (PTO-2038) (1 pg.);
- (4) Patent Application Data Sheet (2 pgs.);
- (5) PCT/IB/308 (1 pg.);
- (6) International Published PCT Application WO 2005/049450 A1 (1 copy – 15 pgs.);
- (7) Copy of English International Search Report (3 pgs.);
- (8) Preliminary Examination Report (5 pgs.);
- (9) Petition to EPO dated 17 November 2005 with new set of Claims (4 pgs.); and
- (10) Return receipt postcard.

Respectfully submitted,



John Wilson Jones
Reg. No. 31,380

Date: May 18, 2006

JONES & SMITH, LLP
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HOUSTON, TEXAS 77019-2129
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(713) 893-6076 FAX